SECTION 17

Storage Care

STORAGE CARE

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17.1 STORAGE

Tractor

When tractor is kept without use for a longer duration following precautions are to be taken care

1. Tractor should be parked in a weather protected area after complete and thorough cleaning.
2. Tyres should be slightly inflated above the specified pressure and should be protected from direct sunlight.
3. Top-up the Transmission Oil to the full mark on the dipstick. Use the Hydraulic System for sometime and raise the linkage to its transport position. Use a piece of wood as a prop, between the top of the LH Rear Axle Housing and 'crook' formed by the Lift Arm and the Lift Rod to hold the linkage in this position (Fig. 1). Leave the Control Quadrant Levers at transport, the Outer Lever fully down and Inner Lever fully up.
4. Disconnect battery and store in fully charged condition. Before storing the battery, terminals should be treated to prevent corrosion.
5. To prevent the Clutch Lining from bonding itself to the Flywheel, depress the Clutch pedal completely and keep it in depressed condition

17.2 ENGINE

When the Tractor is to be stored for longer duration it is advisable that some measure of protection be offered to the engine, to ensure that it suffers no ill effects during the intervening period before operations recommence.

It is recommended that the following procedure be adopted and applied immediately after the tractor is withdrawn from service:

1. Thoroughly clean all external parts of the engine.
2. Where a preservative fluid is to be used, Drain the fuel system and refill with preservative fluid.
3. Run the engine till it is warm. Stop the engine and drain oil from sump.
4. Drain coolant from the radiator and engine block.
5. Renew full flow filter element.
6. Clean engine breather.
7. Fill sump to correct level with clean new lubricating oil or with a suitable preservative fluid.

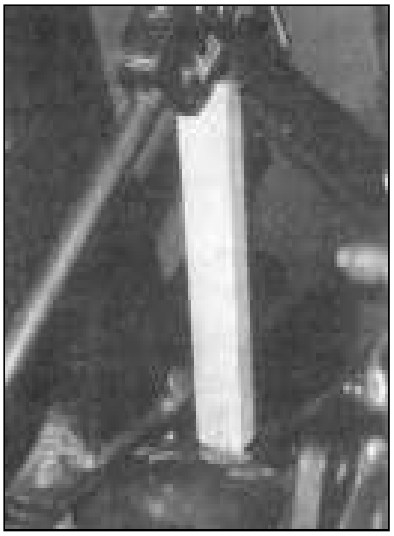

Fig. 1

8. Remove atomisers and spray into cylinder bores 150 ml of lubricating oil divided between the cylinders.
9. Replace atomisers and turn engine slowly over compressions.
10. Remove air cleaner and any intake pipe which may be fitted between the air cleaner and the inlet manifold. Carefully seal manifold port with waterproofed adhesive tape or some other suitable plug.
11. Remove exhaust pipe and seal opening in exhaust manifold.

17.3 FUEL HANDLING AND STORAGE

Utmost care must be taken to keep fuel clean. The following advice is offered to give satisfactory fuel handling and storage :

1. Never use galvanised containers.
2. Never clean the inside of containers, or any components of the fuel system with a fluffy cloth.
3. The size of the bulk storage tank should be such that intervals between drainage and refilling are not too long. 3,000 liters capacity is sufficient for an average sized farm.
4. The storage tank should be under cover and supported on cradles of sufficient height to enable the tractor fuel tank to be filled by gravity and should have a suitable manhole cover to provide access for cleaning (Fig. 2).

   The final outlet drain valve should be located to allow 3 inch (75 mm) settling depth for water and sludge; it should be fed through a detachable filter with 120 mesh screen. There should be a fall of about 0.5 inch per Ft. (40 mm per Metre) towards the sludge drain plug.
5. Drums should be stored under cover, affording adequate protection against entry of water. Drums should be stored at a slight angle, thus allowing any water to run off the top lip. Drums of fuel should not be stacked for long periods before use (Fig. 3).
6. Drums in use outside must have the bung securely screwed down to prevent entry of water.
7. Bulk or drum storage tanks should be allowed 24 hours to settle before use, after delivery or servicing.

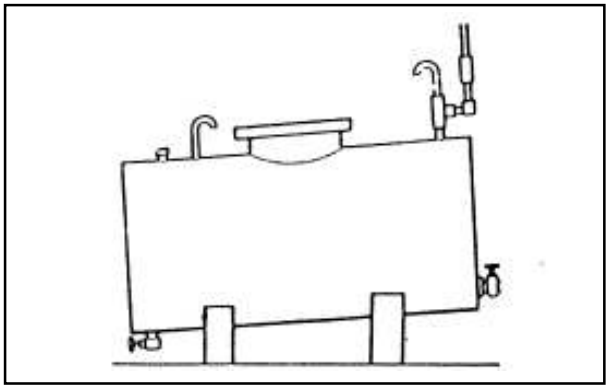

Fig. 2

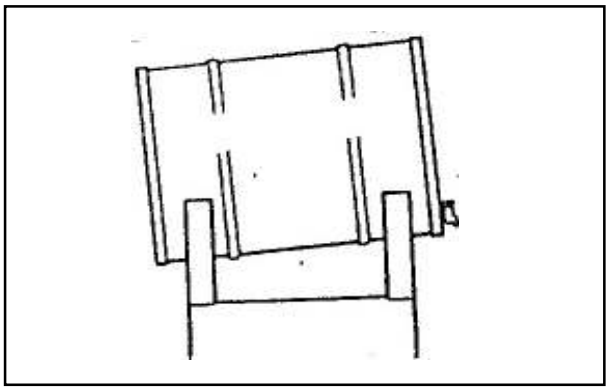

Fig. 3